

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

OPTICAL DETECTOR

which application is:

the attached application
(for original application)

Application No. _____
(Confirmation No. _____)
filed _____, and amended on _____

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed
P. 2001-045570	Japan	21/February/2001	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date	Status
-----------------	-------------	--------

I hereby appoint John H. Mion, Reg. No. 18,879; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607; Steven M. Gruskin, Reg. No. 36,818; Peter A. McKenna, Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to **SUGHRUE MION, PLLC**, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date	January 31, 2002	First Inventor	Kennosuke	KOJIMA
First Name	Middle Initial	Last Name		
Residence	Kyoto-shi City	Kyoto, Japan State/Country	Signature <u>Kennosuke</u>	<u>Kojima</u>

Post Office Address: c/o HORIBA, Ltd., 2, Miyanohigashi-cho, Kissyoin, Minami-ku, Kyoto-shi, Kyoto, Japan

Citizenship Japan

Date January 31, 2002 Second Inventor Masahiko ISHIDA
First Name Middle Initial Last Name

Residence Kyoto-shi Kyoto, Japan Signature Masahiko ISHIDA
City State/Country

Post Office Address: c/o HORIBA, Ltd., 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, Japan

Citizenship Japan

Date January 31, 2002 Third Inventor Shuji TAKADA
First Name Middle Initial Last Name

Residence Kyoto-shi Kyoto, Japan Signature Shuji Takada
City State/Country

Post Office Address: c/o HORIBA, Ltd., 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, Japan

Citizenship Japan

Date Fourth Inventor
First Name Middle Initial Last Name

Residence Signature
City State/Country

Post Office Address:

Citizenship

Date Fifth Inventor
First Name Middle Initial Last Name

Residence Signature
City State/Country

Post Office Address:

Citizenship

Date Sixth Inventor
First Name Middle Initial Last Name

Residence Signature
City State/Country

Post Office Address:

Citizenship